



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, August 30, 2015

Issued: 0800 CT

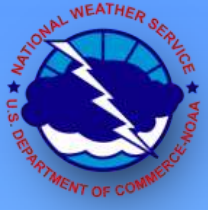
Day 1 Hazards: No significant weather impacts expected

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today

- Scattered thunderstorms, mainly across New Mexico as well as E OK and AR
 - Severe weather and/or flooding is not expected

Monday - Thursday

- Isolated to scattered storms possible each day...mainly across New Mexico as well as the TX/LA Coasts
 - Severe weather and/or flooding is not expected






Tropical Outlook

- The remnants of Erika are producing areas of heavy rain over portions of south FL, the FL Keys and Cuba
 - No signs of redevelopment at this time, but in the next day or so it could move into an area more favorable for re-development
 - Formation chance through 48 hours...low...20 percent
 - Formation chance through 5 days...low...30 percent
- Newly formed Tropical Storm Fred is expected to move through the Cape Verde Islands by late Monday and into Tuesday and is forecast to continue westward over the eastern Atlantic throughout this week
 - Too early to tell where and what the storm will do past this week and/or what potential impact it might have (if any) on FEMA Region VI at this time

*FEMA Region 6 Threat Matrix

Aug 30, 2015 - Sep 3, 2015

DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
Tropical					
Fire					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.

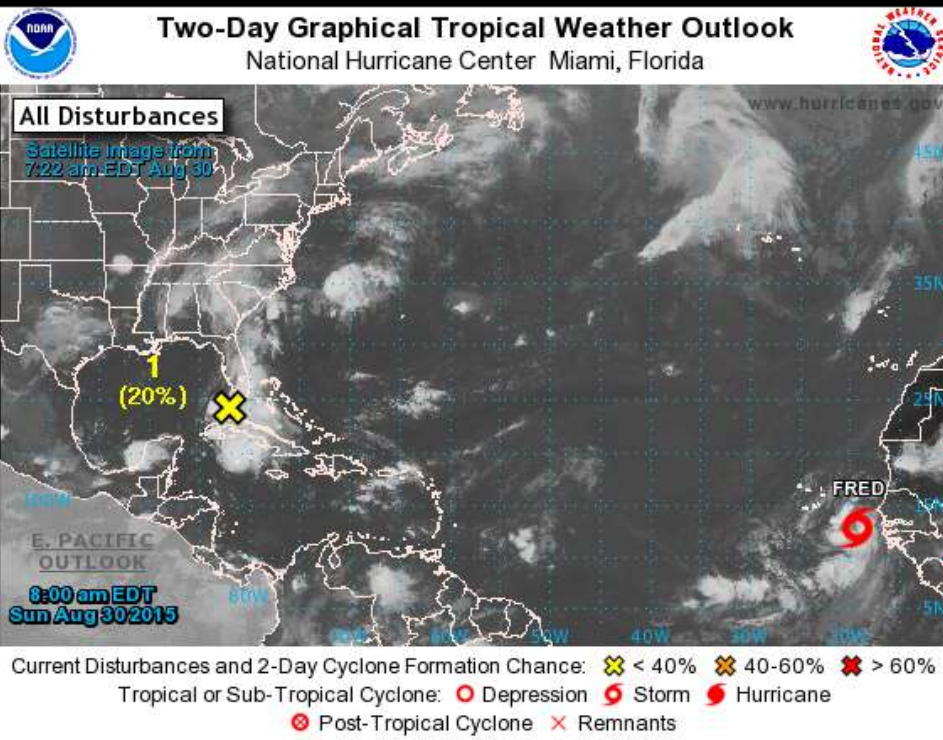


The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Atlantic/Gulf Tropical Weather Outlook



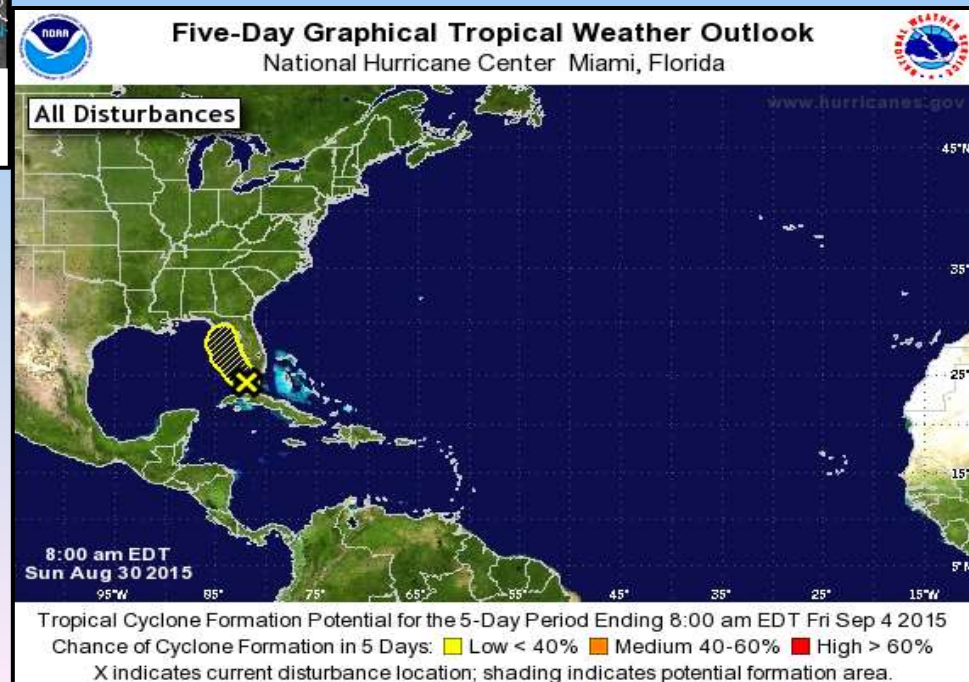
A trough of low pressure associated with the remnants of Erika is producing areas of heavy rain over portions of South Florida, the Florida Keys and Cuba. Although there are no signs of redevelopment at this time, upper level winds could become marginally favorable for tropical cyclone formation over the next day or so.

Regardless of regeneration, locally heavy rains and gusty winds are expected to spread northwestward and then northward across Florida and the eastern Gulf of Mexico later today and Monday.

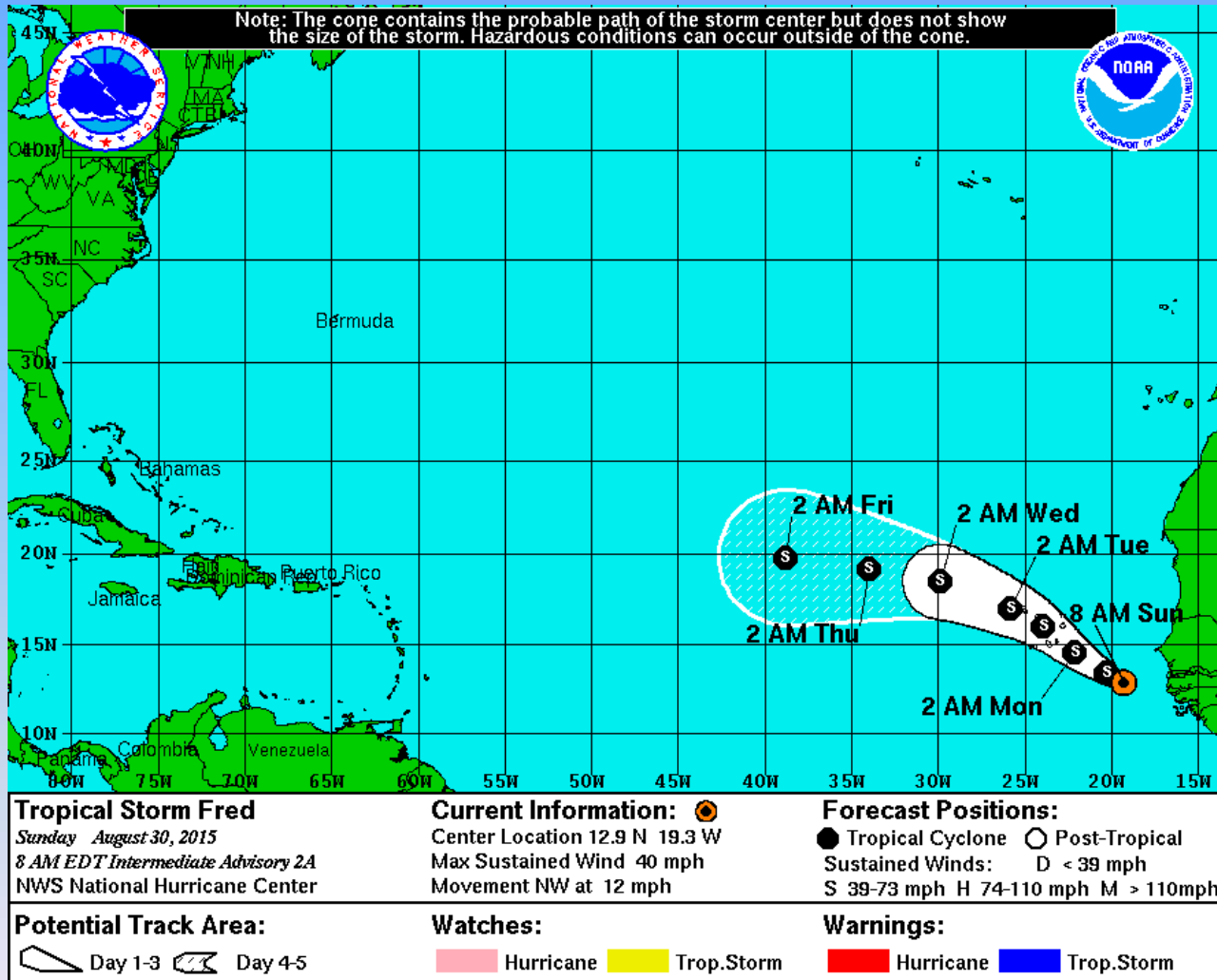
Formation chance through 48 hours...low...20 percent

Formation chance through 5 days...low...30 percent

See next slide for information on Tropical Storm Fred

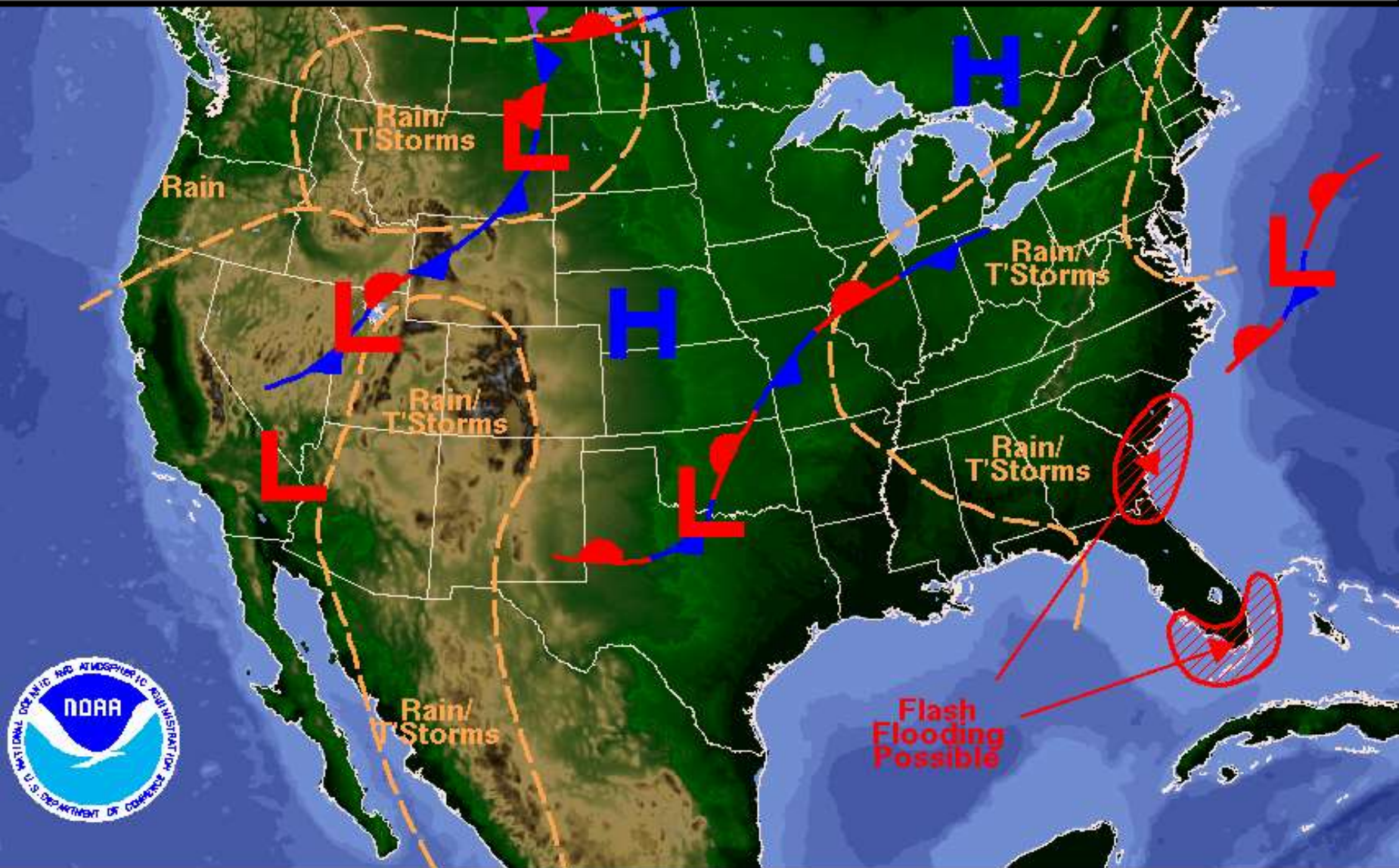


Tropical Storm Fred



- Fred is expected to strengthen and move through the Cape Verde Islands by late Monday into Tuesday
- By mid week, some weakening of the storm is possible as it continues to move west-northwestward
- It is still too early to know what this storm may do after this week and what impacts (if any) it may have on FEMA Region VI in the future

Today's Weather



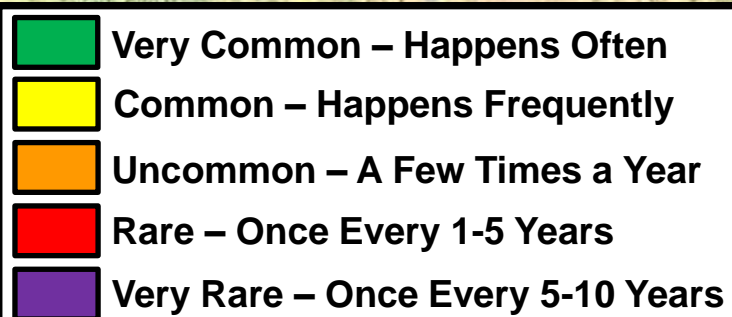
Weather Forecast for Sun, Aug 30, 2015, issued 4:14 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Hamrick based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sun - 0800 Mon



**No Significant Weather
Impacts Expected**



**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

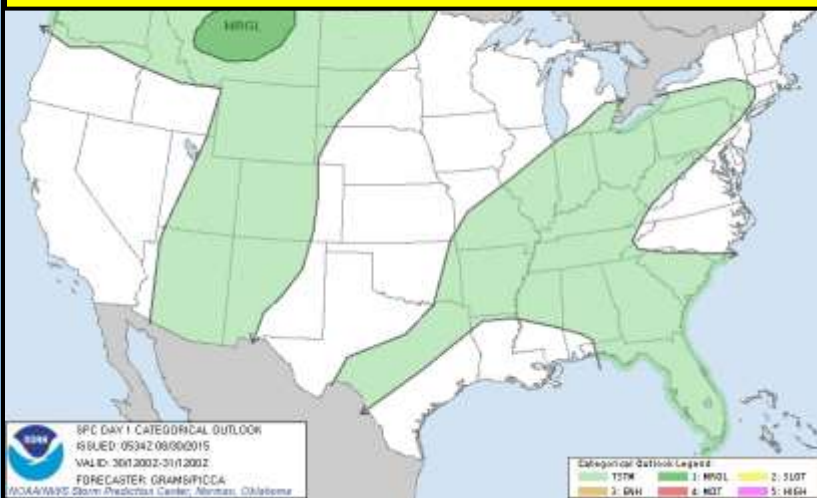


Sunday, August 30, 2015

Severe Thunderstorm Potential



Overall Threat Potential



Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point

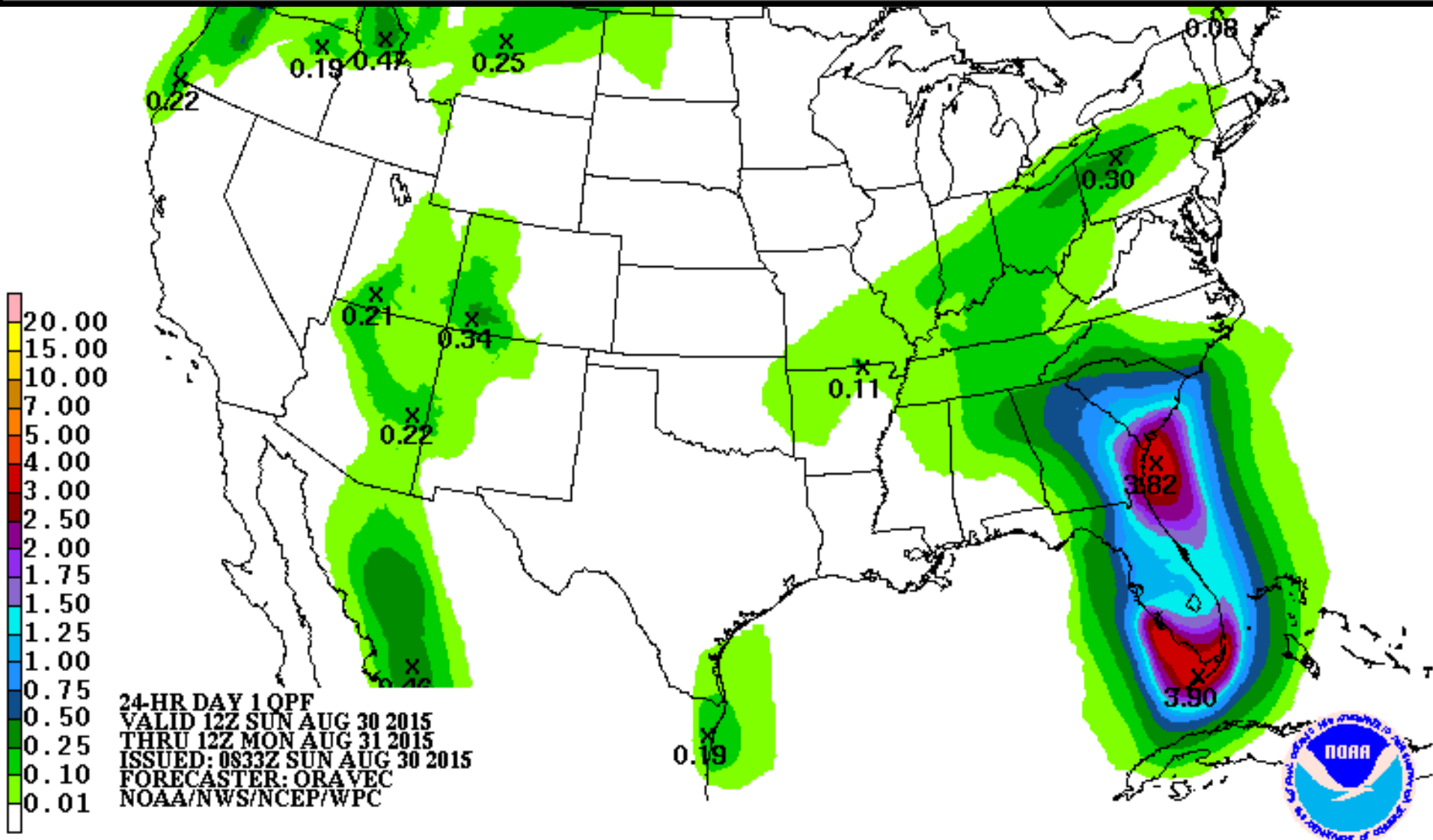


Probability of Damaging Winds within 25 miles of a point

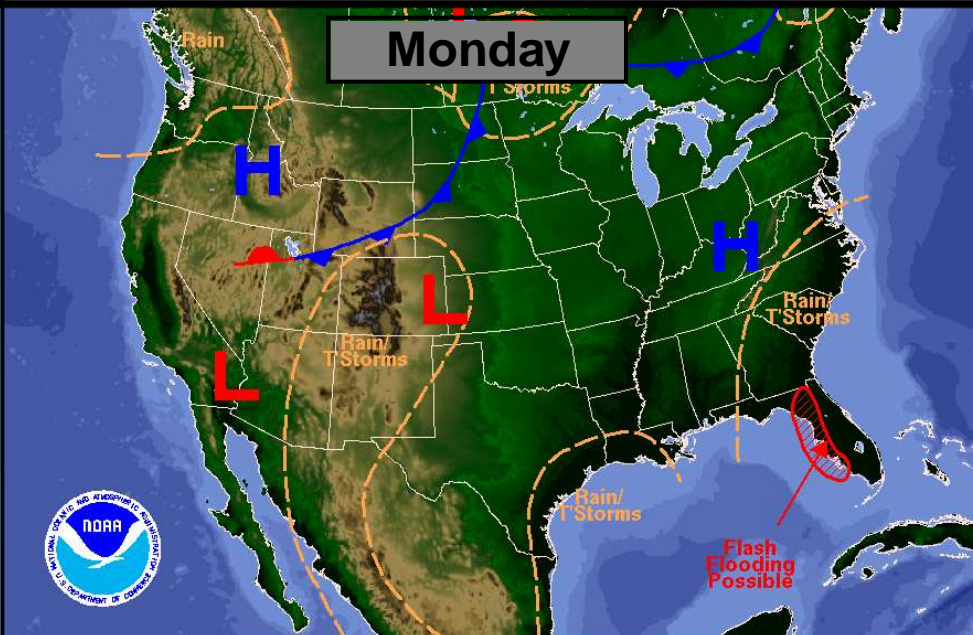


Today's Precipitation

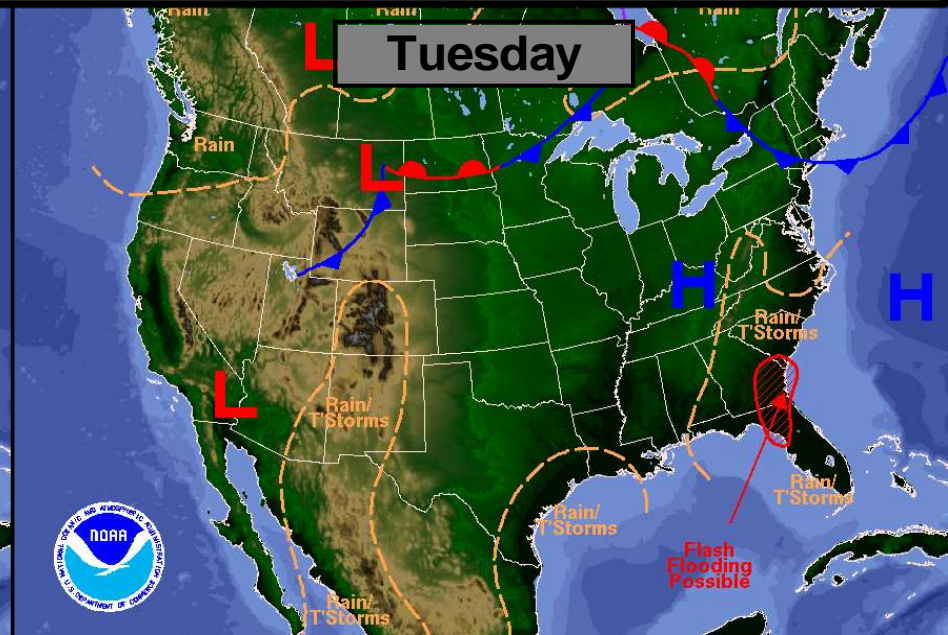
Sun AM - Mon AM



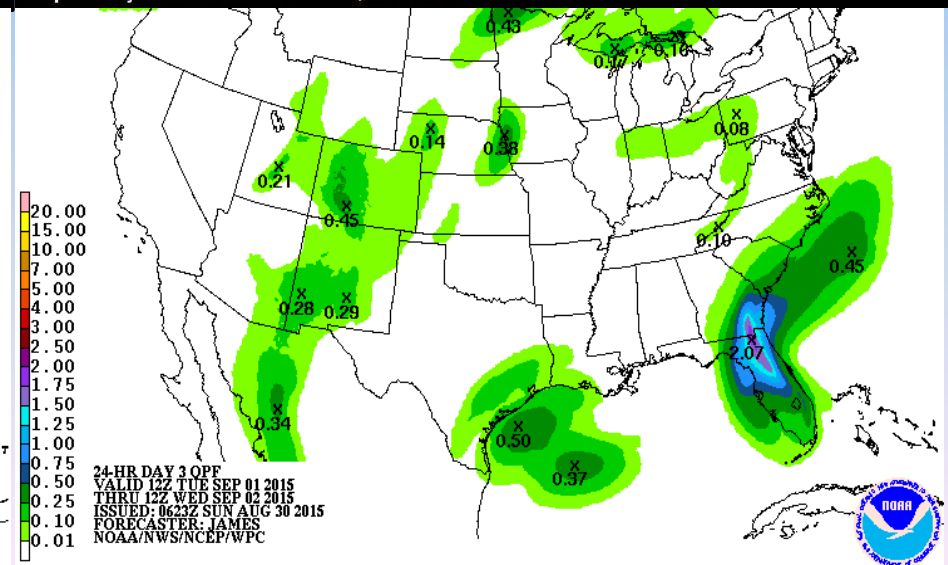
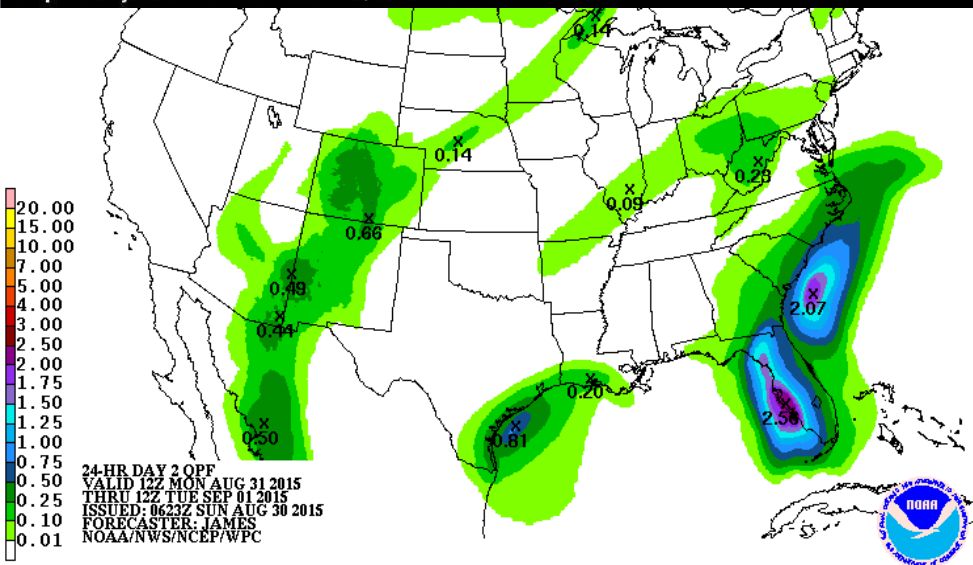
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Mon, Aug 31, 2015, issued 4:39 AM EDT Sun, Aug 30, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Hamrick based on WPC, SPC and NHC forecasts



Weather Forecast for Tue, Sep 01, 2015, issued 4:47 AM EDT Sun, Aug 30, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Hamrick based on WPC, SPC and NHC forecasts

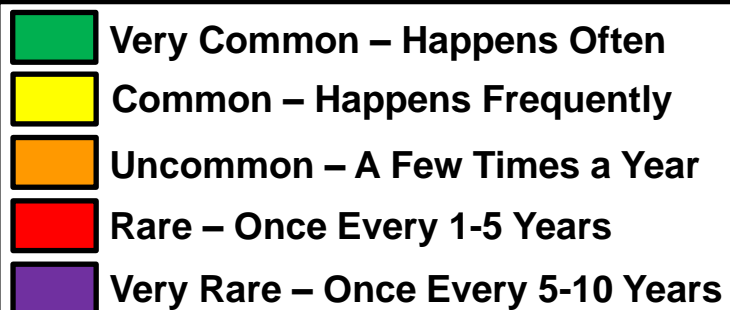


Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed



**No Significant Weather
Impacts Expected**



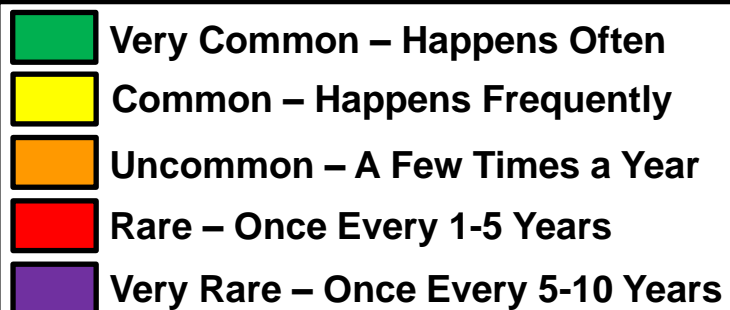
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Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



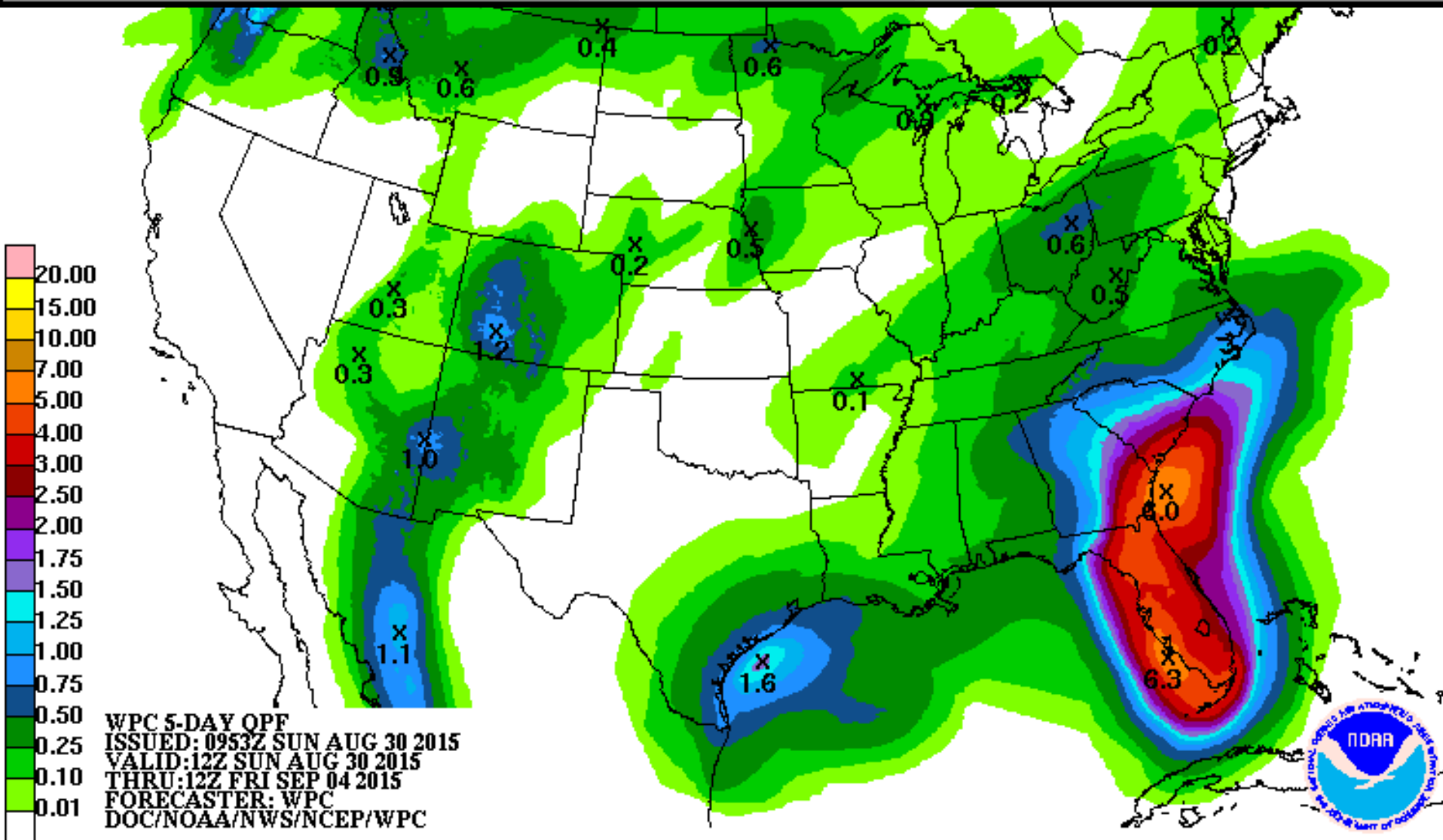
**No Significant Weather
Impacts Expected**



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

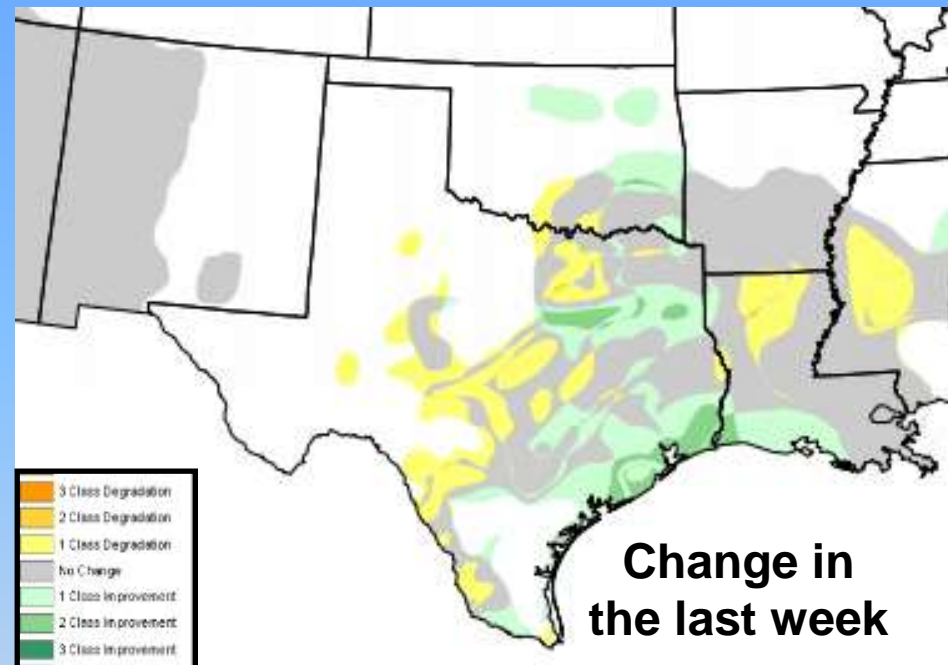
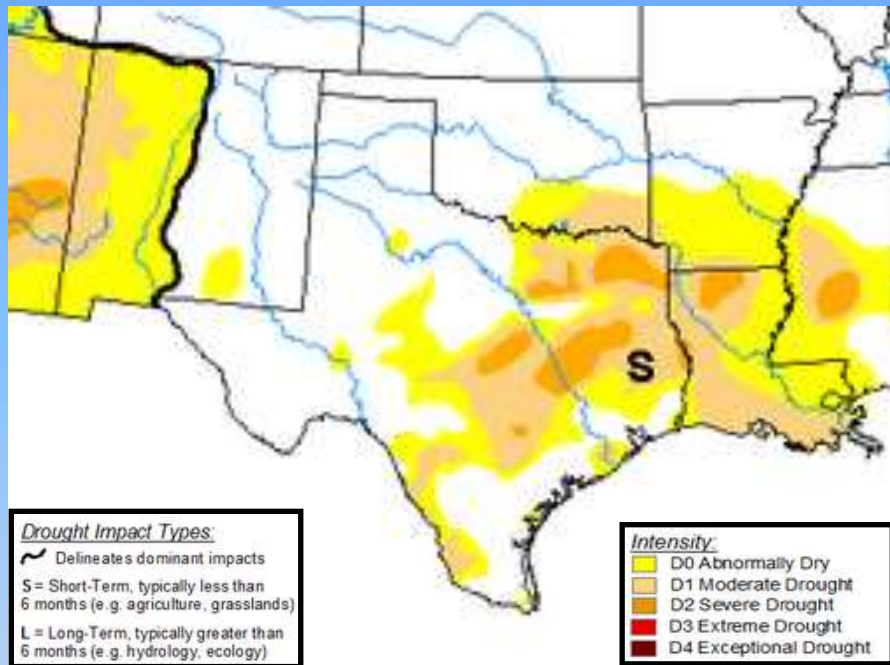
Sun AM - Fri AM





Drought Monitor Released Aug 27th, 2015

Data valid as of 7am CDT, Tuesday Aug 25th, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	15.75%
Texas	0.00%	0.00%	0.00%	16.23%
New Mexico	0.00%	0.00%	0.00%	7.39%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

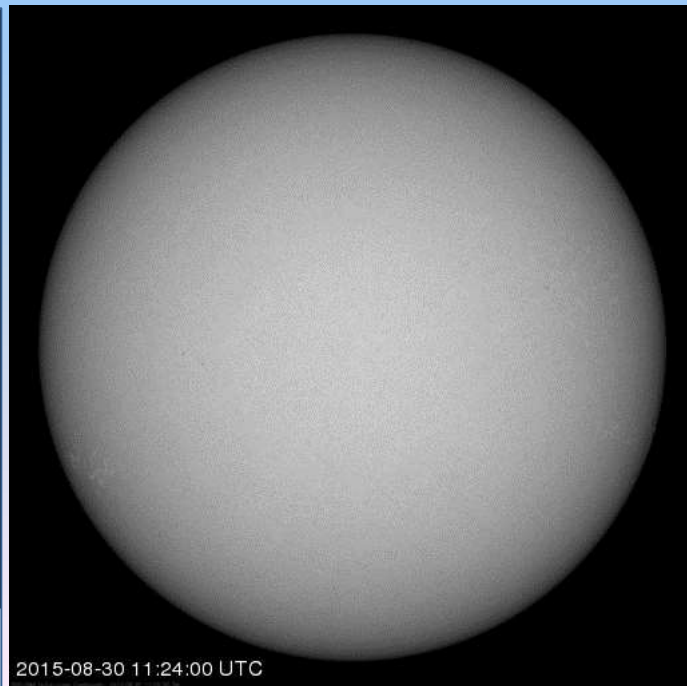
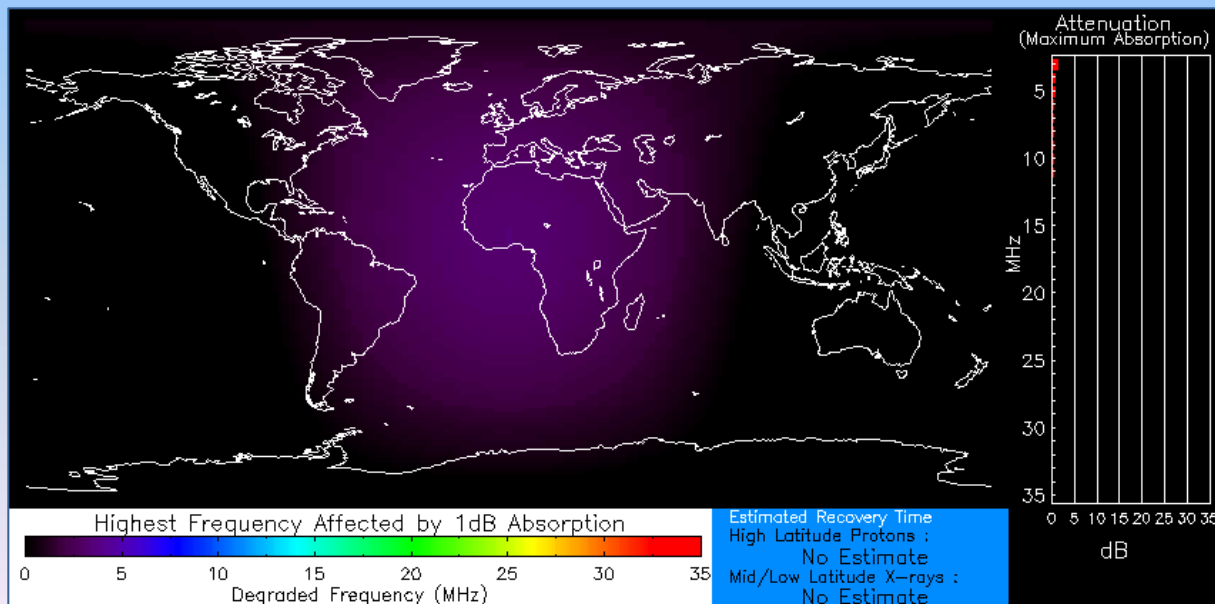
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	10%	5%	1%
Radio Blackout (R1-R2)	55%	40%	5%
Radio Blackout (R3-R5)	10%	5%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-08-30 11:24:00 UTC

Normal X-ray Background
Product Valid At : 2015-08-30 12:01 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
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Regional Operations Center
Fort Worth, TX

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Web: <http://www.srh.noaa.gov>

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